

Sources for the
Biosystematic Database of World Diptera (Flies)

The following is a list of the secondary sources that are currently being used to build the BioSystematic Database of World Diptera.

Family-group names:

Sabrosky, C.

1999 Family-Group Names in Diptera. An annotated catalog. *Myia* 10: 1-360. [cut off date, 31 December 1995]

Genus group names:

Neave, S. A.

- 1939-40 Nomenclator Zoologicus. A list of the names of genera and subgenera in Zoology from the Tenth Edition of Linnaeus 1758 to the end of 1935. The Zoological Society of London. London.
1939 A - C. Vol. 1, xiv + 957 pp.
1939 D - L. Vol. 2, 1,025 pp.
1940 M - P. Vol. 3, 1,065 pp.
1940 Q - Z and supplement. Vol. 4, 758 pp.
1950. [Supplement.] 1936-1945. Vol. 5, [viii] + 308 pp.
1966. [Supplement.] 1946-1955. Vol. 6, [xii] + 329 pp.
1975. [Supplement.] 1956-1965. Vol. 7, [vi] + 374 pp.
1993. [Supplement.] 1966-1977. Vol. 8, [vi] + 620 pp.

"Neave Genus-group name data" are now in a computer file held by the Zoological Record (BIOSIS UK). That data include up to 1993 names.

Genus group & species group names:

Sherborn, C. D.

1902. Index Animalium sive index nominum quae ab A. D. MDCCCLVIII generibus et speciebus animalium imposita sunt. Sectio Prima. A Kalendis Ianuariis, MDCCCLVIII usque ad finem Decembris, MDCCC. Cantabrigiae [=Cambridge, England] lix + 1195 pp.
1922. Sectio Secunda. A kalendis Ianuariis, MDCCCI usque ad finem Decembris, MDCCCL. British Museum, London. cxxxi + 7056 pp.
1932. Sectio Secunda. A kalendis Ianuariis, MDCCCI usque ad finem Decembris, MDCCCL. Epilogue, additions to Bibliography, additions and corrections, and index to trivialia. cxlviii + 1098 pp.

Diptera Catalogs:

Nearctic:

Stone, A., Sabrosky, C. W., Wirth, W. W., Foote, R. H. & Coulson, J. R. (ed.)

1965. A catalog of the Diptera of America north of Mexico. [U. S. Dept.] Agric. Handbk 276, 1969 pp. [cut off date, 1962]

Thompson, F. C. (ed.)

1989. Systematic Database. This dataset as of 1989 was incorporated into the NODOC and ITIS database.

Neotropical:

Papavero, N. (ed.)

- 196 - A catalogue of the Diptera of the Americas south of the United States.
1 Introduction (19 ,
2 List of Contribution (NYP)
3 Trichoceridae (1967, Alexander & Alexander)
4 Tipulidae
5 Tanyderidae
6 Phlebotomidae (NYP)
6A Psychodidae (1973, Duckhouse)
7 Nymphomyiidae
8 Blephariceridae (1971, Hogue)
9 Deuterophlebiidae (NYP)
10 Dixidae (1966, Stone)
11 Chaoboridae (1966, Stone)
12 Culicidae (NYP, but see Guimaraes below)
13 Thaumaleidae (1966, Stone)
14 Ceratopogonidae (1974, Wirth)
15 Chironomidae (NYP, but see Guimaraes below)
16 Simuliidae (1967, Vulcano)
17 Anisopodidae (1967, Papavero)

- 18 Bibionidae (1966, Hardy)
 19A Diadocidiidae
 19B Ditomyiidae
 19C Keroplatidae
 19D Lygistorrhinidae
 19E Mycetophilidae (1978, Papavero)
 20 Sciaridae (NYP, but see Amorin 1992, Revta Brasil. Ent. 36: 55-77)
 21 Hyperoscelididae (1967, Cook)
 22 Scatopsidae (1967, Cook)
 23a Persissomatidae (1975, Bernardi)
 23 Cecidomyiidae (1968, Gagne)
 24 Xylophagidae (1975, James)
 25 Xylomyidae (1975, James)
 26 Stratiomyidae (1973, James)
 27 Pelecorrhynchidae (1968, Philip)
 28 Tabanidae (1971, Fairchild)
 29 Rhagionidae (1968, James)
 30 Pantophthalmidae (1967, Papavero)
 31 Therevidae (NYP)
 32 Scenopinidae (1966, Hardy)
 33 Apioceridae (1975, Bernardi)
 34 Mydidae (1968, Papavero & Wilcox)
 35A Leptogastridae (1968, Martin)
 35B Asilidae (1970, Martin & Papavero)
 36 Nemestrinidae (1968, Papavero)
 37 Acroceridae (NYP)
 38 Bombyliidae (1978, Painter, Painter & Hall)
 39 Empididae (1967, Smith)
 40 Dolichopodidae (1970, Robinson)
 41 Lonchopteridae (1967, Papavero)
 42 Sciadoceridae (1966, Papavero)
 43 Phoridae (NYP)
 44 Platypezidae (NYP)
 45 Pipunculidae (1966, Hardy)
 46 Syrphidae (1976, Thompson, Vockeroth & Sedman)
 47 Conopidae
 48 Micropezidae (1968, Steyskal)
 49 Neriidae (1968, Steyskal)
 49A Cypselosomatidae (1984, Prado)
 50 Psilidae (1975, Prado)
 51 Syringogastridae (1975, Prado)
 52 Tanypezidae (1967, Steyskal)
 53 Richardiidae (1953, Steyskal)
 54 Otitidae (1968, Steyskal)
 55 Platystomatidae (1968, Steyskal)
 56 Pyrgotidae (1967, Steyskal)
 57 Tephritisidae (1967, Foote)
 58 Tachiniscidae (1967, Papavero)
 59 Helcomyzidae (1967, Steyskal)
 60 Ropalomeridae (1967, Steyskal)
 61 Coelopidae (1967, Steyskal)
 62 Dryomyzidae (1977, Steyskal)
 63 Sepsidae (1968, Steyskal)
 64 Sciomyzidae (1976, Knutson, Steyskal, Zuska & Abercrombie)
 65 Lauxaniidae (NYP)
 65A Erychoromyiidae (1975, Prado)
 66 Chamaemyiidae (NYP)
 67 Periscelididae (1975, Prado)
 68 Piophilidae (1967, Steyskal)
 69 Thyreophoridae (1970, Papavero)
 70 Pallopteridae (1984, Prado)
 71 Lonchaeidae (NYP)
 72 Sphaeroceridae (1967, Richards)
 73 Braulidae (1966, Stone)
 74 Tethinidae (1976, Foster)

- 75 Milichiidae (1973, Sabrosky)
 76 Canaceidae (1975, Wirth)
 77 Ephydriidae (1968, Wirth)
 78 Curtonotidae (1975, Wirth)
 79 Drosophilidae (1970, Wheeler)
 80 Diastatidae (1984, Prado)
 81 Chloropidae (1984, Sabrosky & Paganelli)
 82 Odiniidae (1975, Prado)
 83 Agromyzidae (1967, Spencer)
 84 Clusiidae (1968, Soos)
 85 Heleomyzidae (1968, Gill)
 85A Notomyziidae (1975, Prado)
 85B Cnemospathidae (1984, Prado)
 86 Trixoscelididae (as part of 85)
 87 Rhinotoridae (1967, Papavero)
 88 Anthomyzidae (NYP)
 89 Opomyzidae (NYP)
 89A Teratomyzidae (1975, Prado)
 90 Chyromyiidae (1984, Prado)
 91 Aulacigastridae (1967, Papavero)
 92 Asteiidae (1966, Sabrosky)
 93 Cryptochetidae (1975, Prado)
 94 Somatiidae (1970, Steyskal)
 95 Unplaced Acalyptratae (NYP)
 96A Anthomyiidae (1974, Pont)
 96B Scatophagidae
 97 Muscidae (1973, Pont)
 98 Gasterophilidae (1967, Guimaraes)
 99 Hippoboscidae (1968, Guimaraes)
 100 Streblidae (1970, Wenzel)
 101 Nycteribiidae (1968, Guimaraes)
 102 Calliphoridae (1970, James)
 103 Sarcophagidae (1969, Lopes)
 104 Tachinidae (1971, Guimaraes)
 105 Cuterebridae (1967, Guimaraes)
 106 Oestridae (1967, Guimaraes)
 107 Final Remarks (NYP)
 108 General Bibliography (NYP)
 109 General Index (NYP)
 110 List of Type-localities (NYP)

Palaeartic:

Soos, A. & Papp, L. (eds.)

- 1984 Catalogue of Palaeartic Diptera. Akademiai Kiado, Budapest. (cut off dates, vols. 9 & 10 - 1980; rest 1982)
- 1992 Trichoceridae - Nymphomyiidae. Vol. 1, 520 pp.
 1991 Psychodidae - Chironomidae. Vol. 2, 499 pp.
 1988 Ceratopogonidae - Mycetophilidae. Vol. 3, 448 pp.
 1986 Sciaridae - Anisopodidae. Vol. 4, 441 pp.
 1988 Athericidae - Asilidae. Vol. 5, 446 pp.
 1989 Therevidae - Empididae. Vol. 6, 435 pp.
 1991 Dolichopodidae - Platypezidae. Vol. 7, 291 pp.
 1988 Syrphidae - Conopidae. Vol. 8, 363 pp.
 1984 Micropezidae - Agromyzidae. Vol. 9, 460 pp.
 1984 Clusiidae - Chloropidae. Vol. 10, 402 pp.
 1986 Scathophagidae - Hypodermatidae. Vol. 11, 346 pp.
 1986 Calliphoridae - Sacrophagidae. Vol. 12, 265 pp.
 1993 Anthomyiidae - Tachinidae. Vol. 13, 624 pp.
 ???? Index to volumes 1-13. Vol. 14,

Oriental:

Delfinado, M. D. & Hardy, D. E. (eds.)

- 1973-77 A catalog of the Diptera of the Oriental Region. The University Press of Hawaii, Honolulu.

- 1973 Suborder Nematocera. Vol. I, ix + 618 pp. (cut off 1970)
 1975 Suborder Brachycera through Division Aschiza, Suborder Cyclorrhapha. Vol. II, ix + 459 pp. (Cut off 1972)
 1977 Suborder Cyclorrhapha excluding Division Aschiza. 854 pp. (Cut off 1974)

Australasian & Oceanian:

Evenhuis, N. L. (ed.)

1989. Catalog of the Diptera of the Australasian and Oceanian Regions. Bishop Museum & E. J. Brill, Honolulu. 1156 pp. (Cut off date - June 1987)

Bugledich, E.-M. A.

1999. Diptera: Nematocera. Zoological Catalogue of Australia. CSIRO, Canberra. vol. 30.1, xiii + 627 pp.

Afrotropical:

Crosskey, R. W. (ed.)

1980. Catalogue of the Diptera of the Afrotropical Region. British Museum (Natural History), London. 1437 pp. (Cut off date 31 July 1978)

Fossils:

Evenhuis, N. L.

1994. Catalogue of the fossil flies of the world (Insecta: Diptera). Backhuys Publishers, Leiden. [ii] + 600 pp.

Specialized Sources by Family (world coverage)

Bombyliidae

Evenhuis, N. L.

1991 World catalog of genus-group names of bee flies (Diptera: Bombyliidae). Bishop Mus. Bull. Ent. 5, viii + 105 pp.

Evenhuis, N. L. & Greathead, D. J.

1999 World catalog of Bee Flies (Diptera: Bombyliidae). Backhuys Publs., Leiden. xlviii + 756 pp.

Canacidae

Mathis, Wayne N.

1992 World Catalog of the Beach-Fly Family Canacidae (Diptera). Smithson. Contr. Zool. 536, 18 pp. (cut off date ?1991?)

Ceratopogonidae

Borkent, A. & Wirth, W. W.

1997 World species of biting midges (Diptera: Ceratopogonidae). Bull. Amer. Mus. Nat. Hist. 233, 257 pp.

Chaoboridae

Corethrellidae

Borkent, A.

1993 A world catalogue of fossil and extant Corethrellidae and Chaoboridae (Diptera), with a listing of references to keys, bionomic information and descriptions of each known life stage. Ent. Scand. 24: 1-24. (Cut off date ?1992?)

Chironomidae

Ashe, P.

1983 A catalogue of chironomid genera and subgenera of the World including synonyms (Diptera: Chironomidae). Ent. scand., Suppl. 20, 68 pp. (cut off date 1983)

Spies, M. & Reiss, F.

1996 Catalog and bibliography of Neotropical and Mexican Chironomidae (Insecta, Diptera). Spixiana, Suppl. 22: 61-119.

Culicidae

Knight, K. L. & Stone, A.

1977 A catalog of the mosquitoes of the World (Diptera: Culicidae). xii + 611 pp. The Thomas Say Foundation Vol. 6.

Guimaraes, J. H.

1997 Systematic Database of Diptera of the Americas south of the United States. Family Culicidae. Pleiade. x + 286 pp.

Drosophilidae

Wheeler, M. R.

1981 The Drosophilidae: a taxonomic overview. Pp. 1-97. In: Ashburner, M., Carson, H. L. & Thompson, J. N., Jr. (eds.), The genetics and biology of Drosophila. Vol. 3a. xvi + 429 + llxx pp. Academic Press, London.

1986 Additions to catalog of the world's Drosophilidae. Pp. 395-409. In: Ashburner, M., Carson, H. L. & Thompson, J. N., Jr. (eds.), The genetics and biology of Drosophila. Vol. 3e. pp. Academic Press, London.

Ephydriidae

Mathis, W. M. & Zatwarnicki, T.

1995 World catalog of shore flies (Diptera: Ephydriidae). Mem. Ent. Intern. 4, 423 pp. [1995.10.01]

Fanniidae

Carvalho, C. J. B. de, Pont, A. C., Couri, M. S. & Pamplona, D.

1993 Part I. Fanniidae. 29 pp. In Carvalho, C. J. B. de (ed.), A catalogue of the Fanniidae and Muscidae of the Neotropical Region. Soc. Bras. Ent., Sao Paulo

Muscidae

Carvalho, C. J. B. de, Couri, M. S., Pont, A. C., Pamplona, D. & Lopes, S. M.

1993 Part II. Muscidae. 201 pp. In Carvalho, C. J. B. de (ed.), A catalogue of the Fanniidae and Muscidae of the Neotropical Region. Soc. Bras. Ent., Sao Paulo

Nymphomyiidae

Courtney, G.

1994 Biosystematics of the Nymphomyiidae (Insecta: Diptera): Life history, morphology, and phylogenetic relationships. Smithson. Contr. Zool. 550, 41 pp.

Phoridae

- Borgmaier, T.
- 1968 A catalogue of the Phoridae of the world (Diptera, Phoridae). *Stud. Entomol. (N.S.)* 11: 1-367.
- 1971 Supplement to a catalogue of the Phoridae of the world (Diptera, Phoridae). *Studia Ent.* 14: 177-224.
- Brown, B.
- 1990 Update of World Catalogue of the Phoridae (Borgmeier 1968), plus supplement (Borgmeier 1971). *Fly Times* 4: 12-18.
- Pipunculidae
- de Meyer, M.
- 1996 World catalogue of Pipunculidae (Diptera). Studiedocumenten van het Koninklijk Belgisch Instituut voor Natuurwetenschappen 86, 172 pp.
- Psychodidae
- Martins, A. V., Williams, P. & Falcao, A. L.
- 1978 American sand flies (Diptera: Psychodidae, Phlebotominae). Academia Brasileira de Ciencias, Rio de Janeiro. [ii] + 195 pp.
- Young, D. G. & Duncan, M. A.
- 1994 Guide to the identification and geographic distribution of Lutzomyia sand flies in Mexico, the West Indies, Central and South America (Diptera: Psychodidae). *Mem. Amer. Ent. Inst.* 54, [iv] + 881 pp.
- Sarcophagidae
- Pape, T.
- 1996 Catalogue of the Sarcophagidae of the world (Insecta: Diptera). *Mem. Ent. Intern.* 8, 558 pp. [1996.07.30]
- Simuliidae
- Crosskey, R. W.
- 1988 Part. VIII. Black fly species of the world. 32. An annotated checklist of the world black flies (Diptera: Simuliidae). Pp. 425-520. In: Kim, K. C. & Merritt, R. W. (eds.), Black flies. Ecology, population management, and annotated world list. The Pennsylvania State University, University Park. xv + 528 pp.
- Crosskey, R. W. & Howard, T. M.
- 1997 A new taxonomic and geographical inventory of World Blackflies (Diptera: Simuliidae). Natural History Museum, London. 144 pp.
- Sciaridae
- Amorim, D. de S.
- 1992 A catalogue of the family Sciaridae (Diptera) of the Americas south of the United States. *Recta Bras. Ent.* 36: 55-77.
- Tabanidae
- Moucha, J.
- 1976 Horse-flies (Diptera: Tabanidae) of the World. Synoptic Catalogue. *Acta ent. Mus. nat. Prag.*, Suppl. 7, 319 pp. (cut off date ?1975?)
- Fairchild, G. B. & Burger, J. F.
- 1994 A catalog of the Tabanidae (Diptera) of the Americas south of the United States. *Mem. Amer. Ent. Inst.* 55, viii + 247 pp.
- Tethinidae
- Mathis, W. M.
- 1996 World Catalog of the family Tethinidae (Diptera). *Smithson. Contr. Zool.* 584, 27 pp.
- Older Sources**
- Agassiz, L.
- 1846 Nomenclatoris zoologici index universalis ... Jent & Gassmann, Soloduri. viii + 393 pp.
- Marschall, A. de (ed.)
- 1873 Nomenclator zoologicus ... vi + 482 pp. R. Soc. Zool.-Bot. Vindobonae [=Wien]
- Scudder, S. H.
- 1882-84 Nomenclator Zoologicus, an alphabetical list of all generic names that have been employed by naturalists for recent and fossil animals from the earliest times to the close of the year 1879. *Bull. U. S. Natl. Mus.* 19: xxi + 376, i + 340 pp.
- Waterhouse, C. O. & Sharp, D.
- 1902 Index Zoologicus, an alphabetical list of names of genera and subgenera proposed for use in zoology as recorded in the "Zoological Record" 1880-1900, together with other names not included in the "Nomenclator Zoologicus" of S.H.Scudder. xii + 421 pp. London.
- 1912 Index Zoologicus. No. II. vi + 324 pp. London.
- Schulze, F. E. et alia (eds.)
- 1926-54 Nomenclator Animalium Generum et Subgenerum. ccxlv + 3717 pp. Preussische Akademie der Wissenschaften, Berlin.

Basic Bibliographic Reference Works

- Evenhuis, N. L.
- 1997 Literaturae taxonomiae dipterorum (1758-1930). Backhuys Pubs, Leiden. 2 Vols., viii + 871 pp.
- Derkzen, W. Scheiding-Gollner, U.
- 1965 Index litteraturae entomologicae. Serie II: Die Welt-Literatur über die gesamte Entomologie von
- 1975 1864 bis 1900. 5 vols. Deutsche Akademie der Landwirtschaftswissenschaften, Berlin
- Hagen, H. A.
- 1862 Bibliotheca entomologica. Die Litteratur über das ganze Gebiet der Entomologie bis zum Jahre 1862.
- 1863 2 vols. W. Engelmann, Leipzig
- Horn, W. & Schenkling
- 1928 Index litteraturae entomologicae. Serie: Die Welt-Literatur über die gesamte Entomologie bis inklusiv

1929 1863. 4 vols. W. Horn, Berlin-Dahlem
[Soulsby, B. H.]

1933 A catalogue of the works of Linnaeus and publications more immediately relating thereto preserved in the libraries of the British Museum (Bloomsbury) and the British Museum (Natural History) (South Kensington). 2nd ed. xii + 246 + 68 pp. British Museum, London.

Stafleu, F. A. & Cowan, R. S.

1976 Taxonomic Literature. A selective guide to botanical publications

1988 and collections with dates, commentaries and types. 2nd Edition. Vol. I: A-G, xl + 1136 pp. (1976); II: H-Le, xviii + 991 pp. (1979); III: Lh-O, xii + 980 pp. (1981); IV: P-Sak, ix + 1214 pp. (1983); V: Sal-Ste, [vi +] 1066 pp. (1985); VI: Sti-Vuy, [vi +] 926 pp. (1986); VII: W-Z, lvi + 653 pp. (1988). Bohn, Scheltema & Holkema, Utrecht.